

National Board of Examinations

Question Paper Name :	DNB Radiation Oncology Paper2
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Actual Answer Key :	No

DNB Radiation Oncology Paper2

Group Number :	1
Group Id :	3271871178
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Radiation Oncology Paper2

Section Id :	3271871181
Section Number :	1

Section type : Offline
Mandatory or Optional : Mandatory
Number of Questions to be attempted : 10
Section Marks : 100
Enable Mark as Answered Mark for Review and Clear Response : Yes
Maximum Instruction Time : 0
Sub-Section Number : 1
Sub-Section Id : 3271871185
Question Shuffling Allowed : No

Question Number : 1 Question Id : 32718710832 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Describe the symptoms and signs of tumour lysis syndrome. [5]
b) Discuss the prevention and management of severe tumour lysis syndrome. [5]

Question Number : 2 Question Id : 32718710833 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Describe the updates in the staging of oropharyngeal cancer in the 8th edition AJCC and its clinical implications. [5]
b) Outline prevention and management of radiation related oral mucositis in head and neck cancer. [5]

Question Number : 3 Question Id : 32718710834 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Describe the role of radiotherapy in basal cell carcinoma. What are the pros and cons of Radiotherapy and Surgery? [5]
- b) How will you decide between various techniques of radiation while treating a skin cancer? [5]

Question Number : 4 Question Id : 32718710835 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) How will you evaluate a mediastinal mass in a 25-year-old male? [5]
- b) Write types of thymoma, its management, and indications of radiotherapy. [5]

Question Number : 5 Question Id : 32718710836 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) How will you investigate a patient with haematuria? [3]
- b) What are the treatment options you would offer to a 55-year-old, patient with muscle invasive bladder cancer? [5]
- c) Mention technique, dose and adverse effects of Radiotherapy in bladder cancer. [2]

Question Number : 6 Question Id : 32718710837 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) SBRT in lung cancer - indications, radiotherapy planning work flow, set up, toxicity and follow up. [5]
- b) Role of immunotherapy in the treatment of lung cancer. [5]

Question Number : 7 Question Id : 32718710838 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

- a) What is the role of Radiotherapy in non-Hodgkin's lymphoma - Indications, technique, sequelae and follow up. [5]
- b) Describe the radiation related cardiac and pulmonary sequelae. [5]

Question Number : 8 Question Id : 32718710839 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Write staging of vulval cancers. [2]
- b) Enumerate management of nodes in vulval cancer. [3]
- c) Outline role of radiotherapy in vulval cancers. [5]

Question Number : 9 Question Id : 32718710840 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Describe the role of radiotherapy in bone metastasis - evidence for various fractionations and stereotactic radiotherapy. [5]
- b) Define extracorporeal radiotherapy. [5]

Question Number : 10 Question Id : 32718710841 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Discuss the role of radiotherapy in soft tissue sarcoma of lower limb. [5]
- b) Mention updates in the role of radiotherapy in retroperitoneal soft tissue sarcoma. [5]